

Application No. 10/675,752

RCE and Reply to Office Action of January 10, 2006

AMENDMENTS TO THE CLAIMS

Claims 1-30 are pending in the instant application. Claims 1, 3, 4, 12, and 19 have been amended. Applicants request reconsideration of the claims in view of the following amendments reflected in the listing of claims.

Listing of claims:

1. (Currently amended) A system providing printer resource sharing in a communication network, comprising:

~~at least one communication device deployed in at least one location;~~

a first communication device deployed in a first residential location;

a second communication device deployed in a second residential location;

a communication network communicatively coupled to the first communication device and the second communication device; and~~the at least one communication device;~~

~~print server software that receives from the at least one communication device via the communication network a request for printing of information content and that responds by coordinating the printing of the information content; and~~

at least one personal printer resource, communicatively coupled to the first communication device and the second communication devices~~the at least one communication device,~~

wherein the first communication device deployed in the first residential location enables printing of the information content on the at least one personal printer resource, at a request of a user of the second communication device.

~~wherein the print server software resides outside of the at least one~~

Application No. 10/675,752
RCE and Reply to Office Action of January 10, 2006

~~personal printer resource;~~

~~wherein the at least one personal printer resource is accessed for printing
by the at least one communication device via the communication network,~~

~~wherein the print server software resides within a media processing system
(MPS), and~~

~~wherein the MPS processes at least one of the following: television (TV)
signals and radio signals received via the communication network.~~

2. (Previously presented) The system according to claim 1, wherein the communication network comprises at least one of the following: a broadband access headend, a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, a closed communication infrastructure, a local area network, and a wireless infrastructure.

3. (Currently amended) The system according to claim 1, wherein the user of the first communication device receives a signal from the second communication device that authenticates the second communication device, prior to printing of the information content on the at least one personal printer resource at the request of the user of the second communication device.~~the communication network comprises a local area network.~~

4. (Currently amended) The system according to claim 1[[3]], wherein the user of the second communication device receives a signal from the first communication device that authenticates the first communication device, prior

Application No. 10/675,752
RCE and Reply to Office Action of January 10, 2006

to printing of the information content on the at least one personal printer resource
at the request of the user of the first communication device ~~the communication~~
~~network comprises at least one of an Ethernet and an 802.11b wireless network.~~

5. (Previously presented) The system according to claim 1, wherein the information content comprises at least one of the following: third party media content, digital video, digital images, digital audio, documents, files, broadcast television programs, radio channels, previously presented programming, sporting events programming, special programming, and on-demand movies.

6. (Previously presented) The system according to claim 1, wherein the information content format comprises at least one of the following: an MPEG video format, a Windows media format, a Real-Player format, a Quick-Time video format, an H.263 video format, an H.323 video format, a JPEG image format, a TIFF image format, a bit map image format, a GIF image format, and a PCX image format.

7. (Previously presented) The system according to claim 1, further comprising:

a media exchange server communicatively coupled to the communication network,

wherein the media exchange server provides functionality related to at least one of the following: printer resource registration, media transcoding, billing for information content-related services, payment for information-content related services, information content management, communication device registration, and information content security.

Application No. 10/675,752

RCE and Reply to Office Action of January 10, 2006

8. (Original) The system according to claim 1, further comprising:

a printer service server communicatively coupled to the communication network; and

at least one network printer resource communicatively coupled to the communication network via the printer service server and via the print server software, the print server software residing on the at least one network printer resource.

9. (Previously presented) The system according to claim 8, wherein the printer service server provides functionality related to at least one of the following: communication device authorization, billing for information content-related services, buffering of print jobs received from the communication network, and delivering print jobs to the at least one network printer resource.

10. (Original) The system according to claim 1, further comprising:

at least one storage device communicatively coupled to the communication network.

11. (Previously presented) The system according to claim 10, wherein the storage device comprises at least one of the following: a hard disk drive, a DVD player, a CD player, a floppy disk drive, a RAM, a memory stick, a PCMCIA card, and a compact flash card.

Application No. 10/675,752

RCE and Reply to Office Action of January 10, 2006

12. (Currently amended) A system providing printer resource sharing in a communication network, comprising:

a first communication device deployed at a first residential location;

a second communication device deployed at a second residential location;

a communication network communicatively coupled to the first residential location and the second residential location;

information content residing on the communication network; ~~and first communication device;~~

~~— a print server software residing on the second communication device and coordinating the printing of the information content; and~~

a personal printer resource communicatively coupled to the communication network that is accessible by the first communication device and the second communication device.

wherein the first communication device performs at least one of the following: pushing the information content to the second communication device and printing the information content on the personal printer resource, and

wherein the second communication device enables at least one of the following: pushing the information content to the first communication device and printing the information content on the personal printer resource.

13. (Original) The system according to claim 12, wherein the second communication device is adapted to accept or to reject a request for printing on the personal printer resource, the request being received via the communication network.

Application No. 10/675,752

RCE and Reply to Office Action of January 10, 2006

14. (Previously presented) The system according to claim 12, wherein the communication network comprises at least one of the following: a broadband access headend, a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, a closed communication infrastructure, a local area network, and a wireless infrastructure.

15. (Original) The system according to claim 12, wherein the communication network comprises a local area network.

16. (Previously presented) The system according to claim 15, wherein the communication network comprises at least one of the following: an Ethernet and an 802.11b wireless network.

17. (Previously presented) The system according to claim 12, wherein the information content comprises at least one of the following: third party media content, digital video, digital images, digital audio, documents, files, broadcast television programs, radio channels, previously presented programming, sporting events programming, special programming, and on-demand movies.

18. (Previously presented) The system according to claim 12, wherein the information content format comprises at least one of the following: an MPEG video format, a Windows media format, a Real-Player format, a Quick-Time video format, an H.263 video format, an H.323 video format, a JPEG image

Application No. 10/675,752

RCE and Reply to Office Action of January 10, 2006

format, a TIFF image format, a bit map image format, a GIF image format, and a PCX image format.

19. (Currently amended) A method for printing images, comprising:

searching through a plurality of video frames on a communication network via a first communication device at a first residential location, the first communication device being communicatively coupled to at least a second communication device at a second residential location via the communication network;

selecting, using the first communication device or the second communication device, a video frame of the plurality of video frames~~using the first communication device;~~

transcoding, using the first communication device or the second communication device, the selected video frame~~using the first communication device~~ to obtain a single image frame; and

printing, using the first communication device or the second communication device, the single image frame~~from the first communication device~~ on at least one network printer resource, wherein the at least one network printer resource ~~is being~~ communicatively coupled to the first communication device or the second communication device via the communication network.

20. (Previously presented) The method according to claim 19, further comprising:

printing the single image frame from the first communication device on a personal printer resource, the personal printer resource being communicatively

Application No. 10/675,752

RCE and Reply to Office Action of January 10, 2006

coupled to the second communication device via a print server software residing on the first communication device.

21. (Previously presented) The method according to claim 20, wherein the printing on the personal printer resource may be accepted or may be rejected via the first communication device.

22. (Previously presented) The method according to claim 19, wherein the selected video frame is transcoded from at least one of the following: an MPEG video format, a Windows media format, a Real-Player format, a Quick-Time video format, an H.263 video format, and an H.323 video format.

23. (Previously presented) The method according to claim 19, wherein the selected video frame is transcoded to at least one of the following: a JPEG image format, a TIFF image format, a bit map image format, a GIF image format, and a PCX image format.

24. (Original) The method according to claim 20, wherein selecting the video frame comprises selecting a set of video frames.

25. (Original) The method according to claim 20, wherein the transcoding of the selected video frame comprises transcoding of a set of video frames to obtain a single image frame.

Application No. 10/675,752

RCE and Reply to Office Action of January 10, 2006

26. (Previously presented) A method for managing a printer resource, comprising:

selecting or generating an image frame on a communication device, the communication device being communicatively coupled to the communication network;

calling up printer resources available on the communication network using the communication device;

selecting a printer resource from the available printer resources using the communication device;

viewing printing parameters of the selected printer resource using the communication device;

accepting the printer resource and the printing parameters using the communication device; and

printing the image frame on the accepted printer resource.

27. (Previously presented) The method according to claim 26, wherein the printer resource comprises a personal printer resource that is communicatively coupled to the communication network via print server software.

28. (Previously presented) The method according to claim 26, wherein the printing parameters comprise at least one of the following: a cost of using the printer resource, a print size, a printing font, and a type of printing color.

29. (New) The system according to claim 1, further comprising print server software that receives from at least one of the following: the first

Application No. 10/675,752
RCE and Reply to Office Action of January 10, 2006

communication device and the second communication device via the communication network a request for printing of information content and that responds by coordinating the printing of the information content.

30. (New) The system according to claim 1, wherein the second communication device deployed in the second residential location enables printing of the information content on the at least one personal printer resource, at a request of a user of the first communication device.